

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-16 (Canceled).

17. (Currently Amended) ~~[[The]]~~ A method according to claim 14 of embedding identification information in a main body of data of a digital record medium, comprising:
error correction encoding digital data to correct an error occurring during
transmission of the main body of data;
embedding, based on position information, the identification information in a part of
the main body of data upon which the error correction encoding has been performed;
embedding the position information, after embedding the identification information;
and
storing the main body of data, including the embedded identification information and
the embedded position information, into the digital record medium,
wherein said identification information has a plurality of partial identification information;
an information to acquire the embedded position of said identification information has an initial value information, an embedded position information indicating an embedded position of said plurality of partial identification information, and a plurality of position information to acquire a position of said embedded position information;

a first position information to acquire the position of said embedded position information is recorded at a position obtained by converting said initial value information by a predetermined function or a position shown by a position obtained as a result of the conversion; and

a second or later position information is recorded in another position of the position obtained by converting a storage information of a position of a result when an information stored at another position of a side where said position information is not stored is further converted by said predetermined function in any positions obtained by a conversion result of said predetermined function, or a storage information at a position indicated to a position of a result of conversion one by one.

18. (Currently Amended) ~~[[The]]~~ A method according to claim 14 of embedding identification information in a main body of data of a digital record medium, comprising:
error correction encoding digital data to correct an error occurring during
transmission of the main body of data;
embedding, based on position information, the identification information in a part of
the main body of data upon which the error correction encoding has been performed;
embedding the position information, after embedding the identification information;
and
storing the main body of data, including the embedded identification information and
the embedded position information, into the digital record medium,
wherein said identification information has a plurality of partial identification information;

an information to acquire an embedded position of said identification information has an initial value information, an embedded position information indicating the embedded position of said plurality of partial identification information, and a plurality of position information to acquire a position of said embedded position information;

an initial position information is recorded at a position obtained by converting said initial value information by a predetermined function or a position shown by a position obtained as a result of conversion by said predetermined conversion formula; and

a position information after that is recorded at a position based on a data recorded by a predetermined distance at a position indicated by a position information obtained immediately before or a distance obtained by a predetermined conversion formula, or a position obtained by converting a position information obtained immediately before by a predetermined conversion formula.

19. (Canceled)

20. (Currently Amended) [[The]] A method according to claim 14 of embedding identification information in a main body of data of a digital record medium, comprising:
error correction encoding digital data to correct an error occurring during
transmission of the main body of data;
embedding, based on position information, the identification information in a part of
the main body of data upon which the error correction encoding has been performed;
embedding the position information, after embedding the identification information;
and

storing the main body of data, including the embedded identification information and the embedded position information, into the digital record medium,

wherein said presentation target data is scrambled or encoded to make said identification information a key before an error correction encoding is performed.

21. - 23. (Canceled)